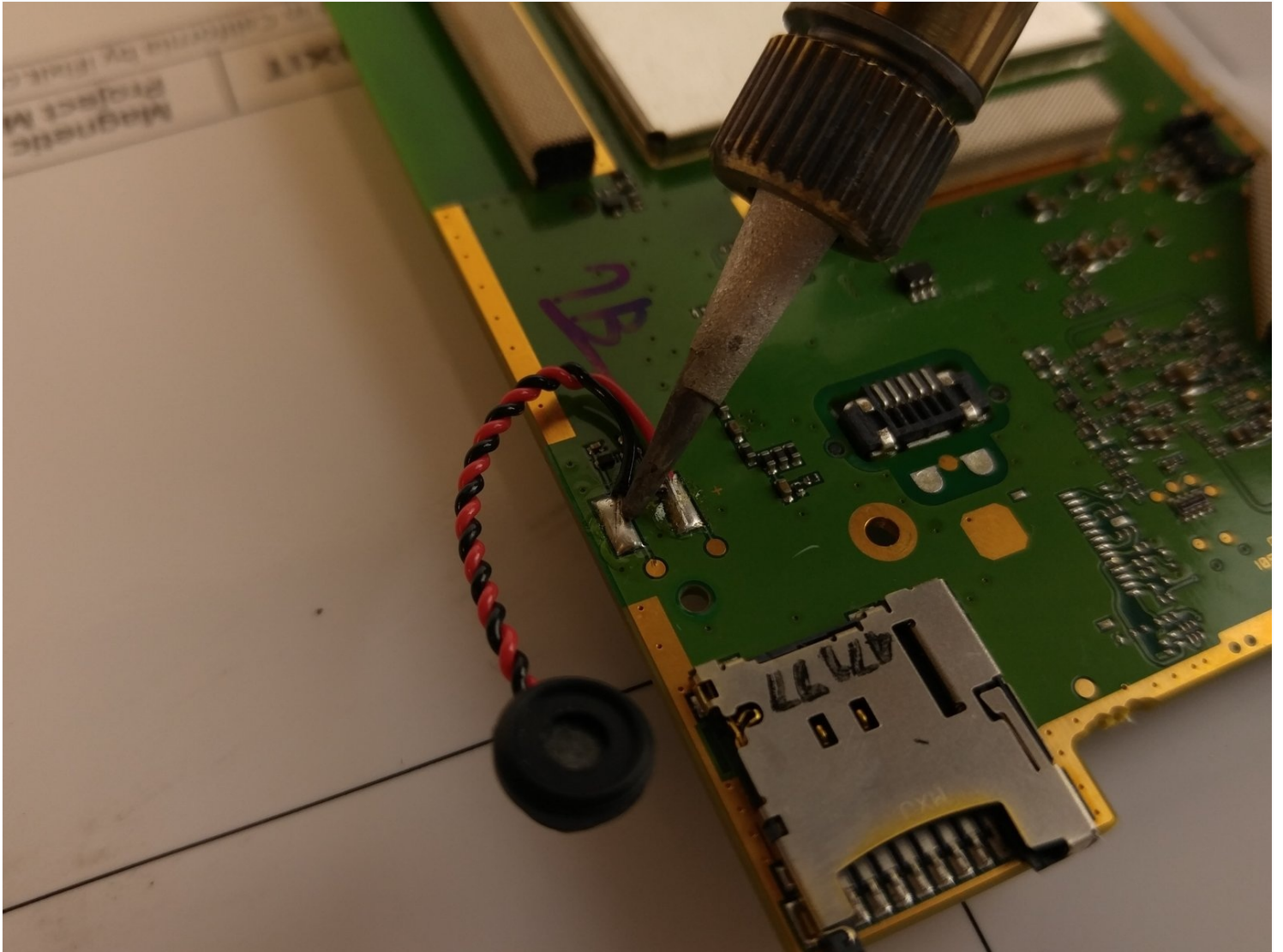




Garmin Nuvi 2689LMT Microphone Replacement

A faulty microphone can cause the device to not...

Written By: Allyson Smith



INTRODUCTION

A faulty microphone can cause the device to not be able to recognize your voice and limit the use of the device. Replace it so that you can get the full amount of work out of the device.

TOOLS:

[T5 Torx Screwdriver](#) (1)

[Soldering Iron](#) (1)

[iFixit Opening Tool](#) (1)

Step 1 — Microphone



- Start by taking off the stand by depressing the table turning the round piece back toward you, pulling it away for the Garmin device.

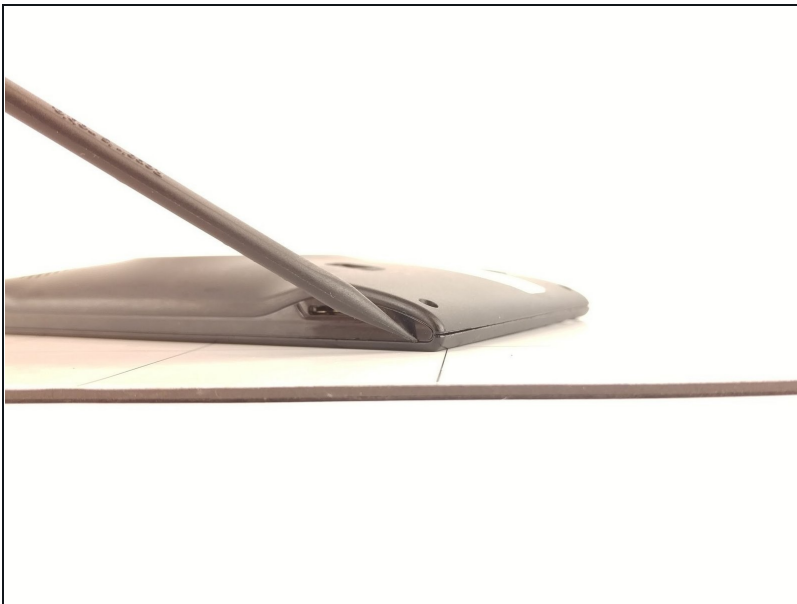
Step 2



- Use a T5 bit on a screwdriver to remove the 4 screws at the 4 corners on the back of the device.

ⓘ Right to tighten, left to loosen.

Step 3



- Place the device face down on a flat surface, with the bottom facing you.

- Pry open the seam with a prying tool .

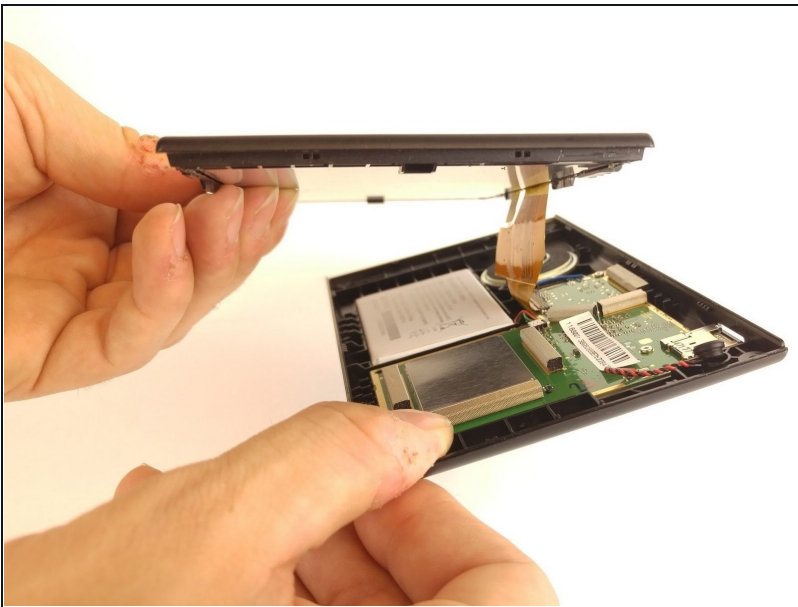
ⓘ There are two seams, the top one is artificial.

Step 4



- Firmly force a plastic spudger into the bottom seam and pry open a section of the device
- ① Use a prying/pushing motion to force the tool into the device until there is a click
- Repeat all the way around the seam until the back comes off.

Step 5



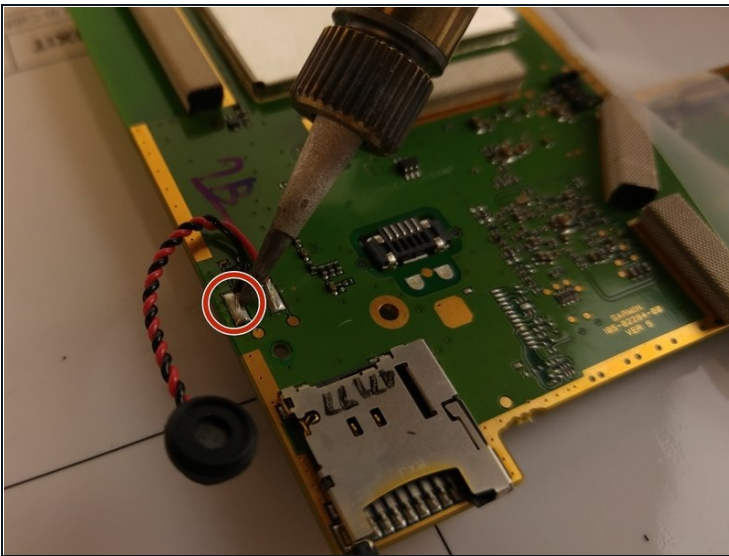
- When the seam is completely separated, lift the back away from the screen.
- ① Do not attempt to separate the unit until all the tabs have been separated.

Step 6



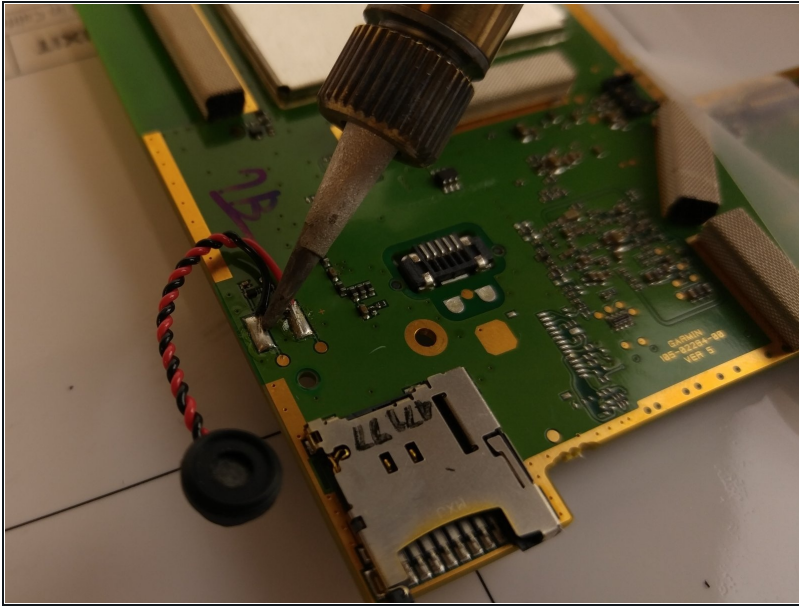
- Wedge an angled plastic prying tool under the connector to the battery where the wires attach to the mother board
- Gently pry up the connector. It should come free easily.
- ① The battery is connected to the main circuit board by two wires, that are red and green and is attached to a white connector.

Step 7



- Melt the two metal connections on the circuit board using a soldering iron.
 - Remove the wires using [tweezers](#).
 - ① There are two wires that are connected to the main circuit board.
- ⚠ Soldering irons will reach extremely high temperatures and should be used with caution.

Step 8



- Retrieve your new microphone for your Garmin device and attach to the circuit board with the soldering iron.
- Carefully melt the solder onto the wire at the connection points on circuit board.
- ⓘ Keep the solder on the metal contact point and avoid heating the plastic circuit board to prevent damage.

To reassemble your device, follow these instructions in reverse order.